



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

JAN 21 2015

John Yanak
J R Simplot Company
P.O. Box 198
Lathrop, CA 95330-0198



RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: N-767
Project Number: N-1142428

Dear Mr. Yanak:

The Air Pollution Control Officer has issued the Authority to Construct permit to J R Simplot Company for installation of a fertilizer pellets time release coating operation (ATC Permit N-767-87-0) and associated 145 bhp diesel-fired emergency standby IC engine powering an electric generator, at 16777 Howland Road in Lathrop, CA.

Enclosed are the Authority to Construct permit and invoice for the engineering evaluation fees pursuant to District Rule 3010. The District's analysis of the proposal was sent to US EPA Region IX on December 2, 2014. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce at (209) 557-6400.

Sincerely,

Arnaud Marjollet
Director of Permit Services

AM:KC/ya

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email
Brian Crets, J R Simplot Co. (w/enclosure) via email
Melissa Hillman, Trinity Consultants (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



AUTHORITY TO CONSTRUCT

PERMIT NO: N-767-87-0

ISSUANCE DATE: 01/20/2015

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 198
LATHROP, CA 95330

LOCATION: 16777 S. HOWLAND ROAD
LATHROP, CA 95330

EQUIPMENT DESCRIPTION:

FERTILIZER PELLETS CONTROLLED TIME RELEASE COATING OPERATION CONSISTING OF THE FOLLOWING: (1) RECEIVING FEED HOPPER, FEED CONVEYOR, FEED ELEVATOR, FEED SCREEN, FLUID BED HEATER, FLUID BED DISCHARGE ELEVATOR, AND COATER SURGE FEED HOPPER ALL VENTED TO A MAC PROCESS BAGHOUSE (4939-S-103); (2) COATER WAX FEEDER, WAX HOPPER FILLER, COATING DRUM, COATER DISCHARGE CONVEYOR, VIBRATORY FEEDER, COATER ELEVATOR, PRODUCT SCREEN, PRODUCT SURGE HOPPER ALL VENTED TO A CAMFIL FARR APC MODEL FLTR-GS-XG0325 DUST COLLECTOR (4939-S-104). THE COATING DRUM IS ALSO VENTED TO TWO 180 LB (EACH) ACTIVATED CARBON CANISTERS CONNECTED IN SERIES AND IS VENTED THROUGH THE DUST COLLECTOR (4939-S-104).

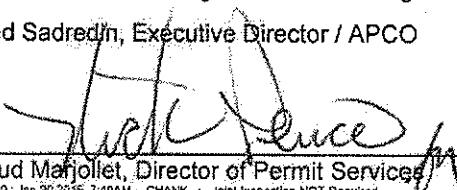
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Visible emissions from the exhaust of the baghouse (4939-S-103) and dust collector (4939-S-104) shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

N-767-87-0; Jan 20 2015 7:49AM - CHANK : Joint Inspection NOT Required

7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
8. The exhaust stack of the baghouse (4939-S-103) and dust collector (4939-S-104) shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper is acceptable), roof overhang, or any other obstruction. [District Rule 4102]
9. The baghouse (4939-S-103) and dust collector (4939-S-104) exhaust fans shall be switched on prior to the start-up of any fertilizer pellets loading, conveying, screening, coating, or packaging equipment. [District Rule 2201]
10. The baghouse (4939-S-103) and dust collector (4939-S-104) shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
11. The baghouse (4939-S-103) and dust collector (4939-S-104) cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
12. Material removed from the baghouse (4939-S-103) and dust collector (4939-S-104) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
13. Replacement bags numbering at least 10% of the total number of bags in the baghouse (4939-S-103) shall be maintained on the premises. [District Rule 2201]
14. At least one replacement dust collector (4939-S-104) filter shall be maintained on the premises. [District Rule 2201]
15. The baghouse (4939-S-103) and dust collector (4939-S-104) shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
16. The differential pressure gauge reading range for the baghouse (4939-S-103) and dust collector (4939-S-104) shall be established per manufacturer's recommendation at time of the start up inspection. [District Rule 2201]
17. The baghouse (4939-S-103) and dust collector (4939-S-104) differential operating pressure shall be monitored and recorded each day that the fertilizer pellet coating processing equipment is operated. [District Rule 2201]
18. The fertilizer pellets coating drum shall be vented through two 180 pound (each) activated carbon canisters connected in series, which are vented through the dust collector. [District Rule 2201]
19. The carbon canisters removed from the system shall be sealed vapor tight. [District Rule 2201]
20. The quantity of fertilizer pellets coated shall not exceed 100 tons during any one day and 20,000 tons in any rolling consecutive twelve month period. [District Rule 2201]
21. Total PM10 emissions from the loading, handling, conveying, and screening of the fertilizer pellets as controlled with a baghouse (4939-S-103) or dust collector (4939-S-104) shall not exceed 0.00242 pounds per ton of fertilizer pellets coated. [District Rule 2201]
22. The total quantity of fertilizer pellet coatings applied (excluding wax coatings) shall not exceed 8.4 tons in any one day and 1,680 tons in any rolling consecutive twelve month period. [District Rule 2201]
23. VOC emissions from the usage of the fertilizer pellet coatings shall not exceed 0.244 pounds per ton of coatings applied (excluding wax coatings). [District Rule 2201]
24. Source testing to demonstrate compliance with the VOC emissions rate at the effluent gas stream of the first activated carbon canister in series shall be conducted within 120 day after initial start-up. Subsequent source testing shall be conducted at least once every twelve (12) months after the initial source test at either the effluent gas stream of the second activated carbon canister in series or at the exhaust of the associated dust collector (4939-S-104). Source testing shall be conducted with equipment in operational condition and while fertilizer pellets are being coated in the fertilizer pellet coating drum. [District Rule 2201]
25. During source testing, the permittee shall maintain records of the amount of fertilizer pellet coatings applied (in pounds) and the amount of fertilizer pellets coated (in tons). [District Rules 1081 and 2201]
26. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]

CONDITIONS CONTINUE ON NEXT PAGE

27. Source testing for VOC emissions shall be conducted using EPA Methods 18 or 25A. Alternative methods may be utilized provided they are previously approved by the District in writing. [District Rules 1081 and 2201]
28. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
29. Ongoing compliance with the daily VOC emission limit shall be demonstrated at least once per month by sampling the effluent gas stream of the first activated carbon canister in series using a Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor. If the results from the sampling of the effluent gas stream of the first activated carbon canister exceed the daily VOC emission limit, the permittee will immediately sample the effluent gas stream of the second activated carbon canister in series using a Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor. The Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be calibrated and maintained as recommended by the equipment manufacturer. [District Rules 1081 and 2201]
30. If the VOC emissions rate from the first activated carbon canister, as measured by the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor, exceeds the permitted limit the permittee shall return the emissions to below the VOC emissions limit as soon as possible, but no longer than 1 day of operation after detection. If the monitor continues to show emission limit exceedances after the first activated carbon canister after 1 day of operation following detection along with exceeding the VOC emissions limit at the effluent gas stream of the second activated carbon canister in series, the permittee shall notify the District within the following day and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. A violation of the VOC emissions limit will be triggered if the monitor shows an exceedance after the second activated carbon canister or the certified source test shows an exceedance of the VOC emissions limit. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 1081 and 2201]
31. The permittee shall maintain a daily record of the following: (a). The quantity of fertilizer pellets processed through the coating equipment (in tons/day); (b). The type and quantity of each fertilizer coating applied (in tons/day); (c). The baghouse (4939-S-103) and dust collector (4939-S-104) differential pressure readings (in inches of water column). [District Rules 1070 and 2201]
32. The permittee shall maintain a record of the cumulative rolling 12 month total of the quantity of fertilizer pellets processed through the coating equipment (in tons) and the quantity of fertilizer coating applied (in tons). The cumulative totals shall be updated at least monthly. [District Rules 1070 and 2201]
33. Records of the monthly monitoring of the effluent gas stream of the activated carbon canister(s), to determine the VOC emissions rate, with the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be maintained. [District Rules 1070 and 2201]
34. Records of all maintenance of the baghouse (4939-S-103) and dust collector (4939-S-104), including all change outs of filter media, shall be maintained. [District Rules 1070 and 2201]
35. Records of all maintenance of the activated carbon canisters, including all change outs of the spent carbon canisters, shall be maintained. [District Rules 1070 and 2201]
36. Records of all calibration and maintenance of the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be maintained. [District Rules 1070 and 2201]
37. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-767-88-0

ISSUANCE DATE: 01/20/2015

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 198
LATHROP, CA 95330

LOCATION: 16777 S. HOWLAND ROAD
LATHROP, CA 95330

EQUIPMENT DESCRIPTION:

145 BHP (INTERMITTENT) CUMMINS INC. MODEL QSB5-G3 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY
STANDBY IC ENGINE POWERING AN ELECTRIC GENERATOR.

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
7. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
8. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 4701 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

N-767-88-0 Jan 20 2015 E-699A-0 - CHANK : Joint Inspection NOT Required

9. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR Part 60 Subpart IIII]
10. Emissions from this IC engine shall not exceed any of the following limits: 2.73 g-NOx/bhp-hr, 0.671 g-CO/bhp-hr, or 0.127 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
11. Emissions from this IC engine shall not exceed 0.097 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
12. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
13. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations or to supply power while maintenance is performed or repairs are made to the primary power supply. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rules 4701 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rules 4701 and 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rules 4701 and 4702]
16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rules 4701 and 4702, and 17 CCR 93115]
17. The permittee shall maintain monthly records of the type of fuel purchased. [District Rules 4701 and 4702, and 17 CCR 93115]
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 4701 and 4702, and 17 CCR 93115]



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

Due Date
3/23/2015

Amount Due
\$ 6,017.00

Amount Enclosed

ATCFEE N1142428
767 N109206 1/20/2015

RETURN THIS TOP PORTION ONLY, WITH REMITTANCE TO:

J R SIMPLOT COMPANY
PO BOX 198
LATHROP, CA 95330

SJVAPCD
4800 Enterprise Way
Modesto, CA 95356-8718

Thank You!



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SJVAPCD Tax ID: 77-0262563

Facility ID	Invoice Date	Invoice Number
N767	1/20/2015	N109206

Invoice Type
Project: N1142428

J R SIMPLOT COMPANY
16777 S. HOWLAND ROAD
LATHROP, CA 95330

PROJECT NUMBER: 1142428

APPLICATION FILING FEES	\$ 142.00
ENGINEERING TIME FEES	\$ 6,017.00
TOTAL FEES	\$ 6,159.00
LESS PREVIOUSLY PAID PROJECT FEES APPLIED TO THIS INVOICE	(\$ 142.00)
PROJECT FEES DUE (Enclosed is a detailed statement outlining the fees for each item.)	\$ 6,017.00

Late Payment (see Rule 3010, Section 11.0 Late Fees)	
Postmarked	Total Due
After 3/23/2015 through 4/2/2015	\$ 6,618.70
After 4/2/2015	\$ 9,025.50
After 4/22/2015	Permits To Operate MAY BE SUSPENDED

San Joaquin Valley Air Pollution Control District
4800 Enterprise Way, Modesto, CA 95356-8718, (209) 557-6400, Fax (209) 557-6475

Invoice Detail

Facility ID: N767

J R SIMPLOT COMPANY
16777 S. HOWLAND ROAD
LATHROP, CA 95330

Invoice Nbr: N109206
Invoice Date: 1/20/2015
Page: 1

Application Filing Fees

Project Nbr	Permit Number	Description	Application Fee
N1142428	N-767-87-0	FERTILIZER PELLETS CONTROLLED TIME RELEASE COATING OPERATION CONSISTING OF THE FOLLOWING: (1) RECEIVING FEED HOPPER, FEED CONVEYOR, FEED ELEVATOR, FEED SCREEN, FLUID BED HEATER, FLUID BED DISCHARGE ELEVATOR, AND COATER SURGE FEED HOPPER ALL VENTED TO A MAC PROCESS BAGHOUSE (4939-S-103); (2) COATER WAX FEEDER, WAX HOPPER FILLER, COATING DRUM, COATER DISCHARGE CONVEYOR, VIBRATORY FEEDER, COATER ELEVATOR, PRODUCT SCREEN, PRODUCT SURGE HOPPER ALL VENTED TO A CAMFIL FARR APC MODEL FLTR-GS-XG0325 DUST COLLECTOR (4939-S-104). THE COATING DRUM IS ALSO VENTED TO TWO 180 LB (EACH) ACTIVATED CARBON CANISTERS CONNECTED IN SERIES AND IS VENTED THROUGH THE DUST COLLECTOR (4939-S-104).	\$ 71.00
N1142428	N-767-88-0	145 BHP (INTERMITTENT) CUMMINS INC. MODEL QSB5-G3 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRIC GENERATOR.	\$ 71.00
Total Application Filing Fees:			\$ 142.00

Engineering Time Fees

Project Nbr	Quantity	Rate	Description	Fee
N1142428	18 hours	\$ 139.00 /h	After-Hours Engineering Time(OverTime)	\$ 2,502.00
			Less Credit For Application Filing Fees	(\$ 142.00)
			After-Hours Engineering Time(OverTime) SubTotal	\$ 2,360.00
N1142428	34.5 hours	\$ 106.00 /h	Standard Engineering Time	\$ 3,657.00
Total Engineering Time Fees:				\$ 6,017.00



AUTHORITY TO CONSTRUCT

PERMIT NO: N-767-87-0

ISSUANCE DATE: 01/20/2015

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 198
LATHROP, CA 95330

LOCATION: 16777 S. HOWLAND ROAD
LATHROP, CA 95330

EQUIPMENT DESCRIPTION:

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CONDITIONS CONTINUE ON NEXT PAGE

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25. During source testing, the permittee shall maintain records of the amount of fertilizer pellet coatings applied (in pounds) and the amount of fertilizer pellets coated (in tons). [District Rules 1081 and 2201]
26. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]

CONDITIONS CONTINUE ON NEXT PAGE

27. Source testing for VOC emissions shall be conducted using EPA Methods 18 or 25A. Alternative methods may be utilized provided they are previously approved by the District in writing. [District Rules 1081 and 2201]
28. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
29. Ongoing compliance with the daily VOC emission limit shall be demonstrated at least once per month by sampling the effluent gas stream of the first activated carbon canister in series using a Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor. If the results from the sampling of the effluent gas stream of the first activated carbon canister exceed the daily VOC emission limit, the permittee will immediately sample the effluent gas stream of the second activated carbon canister in series using a Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor. The Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be calibrated and maintained as recommended by the equipment manufacturer. [District Rules 1081 and 2201]
30. If the VOC emissions rate from the first activated carbon canister, as measured by the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor, exceeds the permitted limit the permittee shall return the emissions to below the VOC emissions limit as soon as possible, but no longer than 1 day of operation after detection. If the monitor continues to show emission limit exceedances after the first activated carbon canister after 1 day of operation following detection along with exceeding the VOC emissions limit at the effluent gas stream of the second activated carbon canister in series, the permittee shall notify the District within the following day and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. A violation of the VOC emissions limit will be triggered if the monitor shows an exceedance after the second activated carbon canister or the certified source test shows an exceedance of the VOC emissions limit. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 1081 and 2201]
31. The permittee shall maintain a daily record of the following: (a). The quantity of fertilizer pellets processed through the coating equipment (in tons/day); (b). The type and quantity of each fertilizer coating applied (in tons/day); (c). The baghouse (4939-S-103) and dust collector (4939-S-104) differential pressure readings (in inches of water column). [District Rules 1070 and 2201]
32. The permittee shall maintain a record of the cumulative rolling 12 month total of the quantity of fertilizer pellets processed through the coating equipment (in tons) and the quantity of fertilizer coating applied (in tons). The cumulative totals shall be updated at least monthly. [District Rules 1070 and 2201]
33. Records of the monthly monitoring of the effluent gas stream of the activated carbon canister(s), to determine the VOC emissions rate, with the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be maintained. [District Rules 1070 and 2201]
34. Records of all maintenance of the baghouse (4939-S-103) and dust collector (4939-S-104), including all change outs of filter media, shall be maintained. [District Rules 1070 and 2201]
35. Records of all maintenance of the activated carbon canisters, including all change outs of the spent carbon canisters, shall be maintained. [District Rules 1070 and 2201]
36. Records of all calibration and maintenance of the Honeywell MDA Scientific SPM monitor or other District-approved VOC monitor shall be maintained. [District Rules 1070 and 2201]
37. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]



AUTHORITY TO CONSTRUCT

PERMIT NO: N-767-88-0

ISSUANCE DATE: 01/20/2015

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 198
LATHROP, CA 95330

LOCATION: 16777 S. HOWLAND ROAD
LATHROP, CA 95330

EQUIPMENT DESCRIPTION:

145 BHP (INTERMITTENT) CUMMINS INC. MODEL QSB5-G3 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY
STANDBY IC ENGINE POWERING AN ELECTRIC GENERATOR.

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
7. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
8. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 4701 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

N-767-88-0 Jan 20 2015 7:49AM - CHANK : Joint Inspection NOT Required

9. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR Part 60 Subpart IIII]
10. Emissions from this IC engine shall not exceed any of the following limits: 2.73 g-NO_x/bhp-hr, 0.671 g-CO/bhp-hr, or 0.127 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
11. Emissions from this IC engine shall not exceed 0.097 g-PM₁₀/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
12. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
13. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations or to supply power while maintenance is performed or repairs are made to the primary power supply. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rules 4701 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rules 4701 and 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rules 4701 and 4702]
16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rules 4701 and 4702, and 17 CCR 93115]
17. The permittee shall maintain monthly records of the type of fuel purchased. [District Rules 4701 and 4702, and 17 CCR 93115]
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 4701 and 4702, and 17 CCR 93115]